



ATTORNEY DOCKET NO. HAR65 045

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Patent Application of Mark W. Chamberlain

Serial No.: 10/678,222

Art Unit: 2644

Filed: October 6, 2003

Examiner: Unassigned

Title: SYSTEM AND METHOD FOR NOISE CANCELLATION WITH NOISE RAMP TRACKING

**TRANSMITTAL**

**Mail Stop PATENT APPLICATION**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

Transmitted herewith is an Information Disclosure Statement, and copies of the documents cited therein, for the above-identified application.

☒ No fee required:

☐ Filed within three months of filing application, or

☐ Certification made.

☒ Filed prior to first Office Action.

The Commissioner is hereby authorized to charge payment of any additional fees associated with this communication or credit any overpayment to Deposit Account No.

04-1679. A duplicate of this sheet is enclosed.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Mark C. Comtois", written over a horizontal line.

Mark C. Comtois	Reg. No. 46,285
L. Lawton Rogers, III	Reg. No. 24,302
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Dated: January 22, 2004



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**INFORMATION DISCLOSURE STATEMENT**

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A copy of the below listed document was not available when the applicant filed the Information Disclosure Statement on January 6, 2003. It is enclosed herewith for consideration in the examination of the subject application.

**PUBLICATIONS:**

"Suppression of Acoustic Noise in Speech Using Spectral Subtraction," Steven F. Boll  
IEEE Transactions on Acoustics, Speech, and Signal Processing, VOL. ASSP-27, NO. 2,  
April 1979.

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